

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Sir:

Transmitted herewith for filing is the Patent Application of

Inventor (s): Edward Ray Beadle, Richard Hugh Anderson, John Fitzgerald Dishman,
Paul David Anderson and Gayle Patrick MartinTitle: SYSTEM AND METHOD FOR HYBRID MINIMUM MEAN SQUARED
ERROR MATRIX-PENCIL SEPARATION WEIGHTS FOR BLIND SOURCE
SEPARATION

Enclosed are:

- [X] Eighty-five (85) pages of specification and Claims 1-28, including an Abstract.
- [X] Twelve (12) sheets of formal drawings showing Figures 1-10, 11a, 11b, 12a, and 12b.
- [X] Combined Declaration and Power of Attorney.
- [X] A check in the amount of \$1,086.00 to cover the filing fee as calculated below:

	NUMBER OF CLAIMS			NUMBER EXTRA		LARGE/SMALL ENTITY	FEE
TOTAL	28 - 20	=	08	x		\$18 OR \$9	= \$144
INDEP.	05 - 03	=	02	x		\$86 OR \$43	= \$172
MULTIPLE DEPENDENT	[] YES					\$290 OR \$145	= \$
(\$770.00 OR \$385.00) BASIC FILING FEE				=	\$770.00	TOTAL FILING FEES = \$1,086.00	

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 04-1679. A duplicate of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark C. Comtois', written over a horizontal line.

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